

Amendments to the Claims:

This listing of claims will replace all prior versions, and listings, of claims in this Application.

Listing of Claims:

Claims 1-79 (cancelled).

Claims 80-110 (new). Text of new claims commence on following page.

IN THE CLAIMS:

Prior Claims 49-79 are cancelled without prejudice.

The following new claims are submitted herewith:

Claim 80 (new). An apparatus for automatically detaching and displacing feed for animals which comprises a plurality of stationary storage containers for said animals' feed, a plurality of stationary animal feed stands for receiving said feed from said containers, said animal feed containers and said animal feed stands being integrated in a stationary structure, each said animal stand accommodating an animal to consume said animal feed, a robot arm which is constructed and arranged to move said animal feed from a selected container to a selected animal feed stand, said robot arm comprising detaching means for detaching part of said animal feed in said selected container and displacing means for displacing a so detached part of said animal feed to said selected feed stand and depositing it there.

Claim 81 (new). An apparatus in accordance with Claim 80, wherein said feed stands comprise feed troughs.

Claim 82 (new). An apparatus in accordance with Claim 80, wherein said detaching means comprises a telescopic gripping element.

Claim 83 (new). An apparatus in accordance with Claim 80, wherein said detaching means comprises a bucket.

Claim 84 (new). An apparatus in accordance with Claim 80, wherein said detaching means comprises a shovel.

Claim 85 (new). An apparatus in accordance with Claim 80, wherein said detaching means comprises closure means.

Claim 86 (new). An apparatus in accordance with Claim 80, wherein said robot arm comprises cleaning means for cleaning said detaching means.

Claim 87 (new). An apparatus in accordance with Claim 80, wherein said robot arm comprises brushing means for brushing substances from said detaching means.

Claim 88 (new). An apparatus in accordance with Claim 86, wherein said cleaning means comprises a sweeping element.

Claim 89 (new). An apparatus in accordance with Claim 87, wherein said brushing means comprises a sweeping element.

Claim 90 (new). An apparatus in accordance with Claim 80, which comprises metering means which provides that said part of said animal feed comprises a pre-measured-out portion of said animal feed which is detached by said detaching means.

Claim 91 (new). An apparatus in accordance with Claim 80, which comprises weighing means for weighing said part of said animal feed which has been detached by said detaching means.

Claim 92 (new). An apparatus in accordance with Claim 80, wherein said robot arm comprises weighing means for weighing said part of said animal feed detached by said detaching means.

Claim 93 (new). An apparatus in accordance with Claim 80, comprising animal identification means for identifying an animal in the immediate vicinity of said feed stand for the purpose of consuming said animal feed received therein.

Claim 94 (new). An apparatus in accordance with Claim 93, wherein said animal identification means is mounted on said robot arm.

Claim 95 (new). An apparatus in accordance with Claim 80, in which said animal feed consists essentially of at least one of the following components: solid composites, a concentrate, silage, hay, fodder, a liquid including water, or any mixture of the foregoing.

Claim 96 (new). An apparatus in accordance with Claim 95, wherein each said container that contains a said component which is different from said components in the other said containers.

Claim 97 (new). An apparatus in accordance with Claim 80, wherein said robot arm is disposed above said animals' feed stands.

Claim 98 (new). An apparatus in accordance with Claim 80, wherein said robot arm is disposed between said containers.

Claim 99 (new). An apparatus in accordance with Claim 80, wherein said robot arm is disposed above said animal feed stands and said containers.

Claim 100 (new). An apparatus in accordance with Claim 80, which comprises a chute via which said animal feed can be discharged to said animal feed stands.

Claim 101 (new). An apparatus in accordance with Claim 80, wherein said detaching means performs at least one function consisting of the following functions: the function of moving above the bottom of said containers, or the function of moving along the bottom of said containers, or the function of moving into each of said animal feed stands, or any combination of said functions.

Claim 102 (new). An apparatus in accordance with Claim 80, which is supported on a floor, said robot arm being movable above said floor.

Claim 103 (new). An apparatus in accordance with Claim 102, which comprises a rail which is disposed over said floor, said robot arm being movable along said rail.

Claim 104 (new). An apparatus in accordance with Claim 103, wherein each of said feed stands comprises a trough.

Claim 105 (new). An apparatus in accordance with Claim 104, wherein each said trough is disposed below at least one of said containers.

Claim 106 (new). An apparatus in accordance with Claim 105, wherein each said trough and each said container are positioned in close proximity and disposed in a common vertical plane said robot arm detaching feed from a selected said container and placing said feed into a selected trough directly and rapidly while continuously in said plane.

Claim 107 (new). An apparatus in accordance with Claim 80, which comprises a transport vehicle, which is movable between said containers and said animal feed stands, said transport vehicle cooperating with said robot arm.

Claim 108 (new). An apparatus in accordance with Claim 107, which comprises a rail, said transport vehicle movable along said rail.

Claim 109 (new). An apparatus for automatically detaching and displacing animal consumables for consumption by animals which comprises a plurality of storage containers, said containers holding different animal consumables, a plurality of troughs disposed below said containers for receiving said animal consumables from said containers, an articulated robot arm which is constructed and arranged to move said animal consumables from a selected one of said containers to a selected one of said troughs, said robot arm comprising detaching means for detaching a predetermined portion of a said animal consumable from one of said animal consumables in said one container and displacing means for selectively displacing said portion of said animal consumable to said selected trough and depositing said portion therein, said detaching means consisting essentially of a gripping element or a bucket or a shovel.

Claim 110 (new). An apparatus for automatically detaching and displacing animal consumables for consumption by animals which comprises a feed station having a plurality of containers, said containers holding different animal consumables, a plurality of troughs in said station for receiving selected said animal consumables from selected said containers, a bendable robot arm which is constructed and arranged to move said animal feed from a selected said one of said containers to said selected one of said troughs, said robot arm comprising detaching means for obtaining a predetermined amount of an animal consumable from a said animal consumable in one of said containers and displacing means for selectively displacing said detached amount of an animal consumable into said selected trough of said troughs.